

## GMUG SBEADMR Treatment Implementation Data Sheet

*Fiscal 2017*

**Treatment:** Nutras Creek Salvage

**District:** Gunnison

**Proposed Treatment Acres:** 243

**Planned Treatment Acres:** 182

**Cover type:** Spruce/fir

**Integrated Treatment Objectives:** Recovery Treatment; Fuels removal and fuel loading reduction; Provide hare, marten, and lynx denning habitat; Snag retention, and landscape-scale habitat connectivity; Meet post-harvest tree stocking objectives; Road Maintenance;

**Desired Condition:** Uneven-aged stand structure, increased species composition, appropriate tree stocking levels based on objectives.

**Estimated Miles of Temporary Road Construction:** 0.7 miles. All roads will be decommissioned at sale closure buy purchaser.

**Known Design Feature Triggers:**

- Temporary road stream crossings
- Maintaining habitat connectivity
- Goshawk nests in area
- American Marten documented in area
- (Proximal to, but outside of) Wilderness Boundary

**Cumulative Watershed Disturbance:**

			<b>Nutras Treatment Acres</b>				
Watershed	Total Acres Forest Service Lands	Baseline disturbance acres <sup>1</sup>	Acres of temporary road <sup>2</sup>	Acres of SBEADMR harvest <sup>3</sup>	Reasonably foreseeable other actions <sup>4</sup>	Cumulative Disturbance (%)	Exceeds 20% trigger in EIS?
Headwaters Cochetopa	30,748	71	3.3	41	302	1	No
Pauline Creek	24,904	1945	0	5	695 <sup>5</sup>	11	No

<sup>1</sup>Existing infrastructure and roads weighted at 100% disturbance (1 acres = 1 acre) plus past vegetation disturbance weighted at 25% disturbance (4 acres = 1 acre of disturbance).

<sup>2</sup>One mile of road construction estimated as 4.8 acres of disturbance.

<sup>3</sup>Vegetation management disturbance weighted at 25% disturbance (4 acres = 1 acres)

<sup>4</sup>Reasonably foreseeable vegetation disturbances weighted at 25% disturbance (4 acres = 1 acre).

<sup>5</sup>Salvage activities associated with SBEADMR (Willow Mesa and Pauline salvage sales also planned for FY17) and non-SBEADMR foreseeable future actions.

### Lynx Analysis Unit: Stewart Creek

Lynx Analysis Unit	Total Acres of lynx habitat	Baseline disturbance acres and percent unsuitable lynx habitat <sup>1</sup>	Nutras Treatment Acres				
			Acres of road <sup>2</sup>	Acres of harvest converting to unsuitable lynx habitat <sup>3</sup>	Reasonably foreseeable <sup>4</sup>	Cumulative Disturbance (%)	Exceeds 25% trigger in EIS?
Stewart Creek	26,858	1,961 (10)	3.3	46	694 <sup>5</sup>	10	No

<sup>1</sup>Existing infrastructure and roads weighted at 100% disturbance (1 acres = 1 acre) plus past vegetation disturbance weighted at 25% disturbance (4 acres = 1 acre of disturbance).

<sup>2</sup>One mile of road construction = 4.8 acres of disturbance or conversion of 4.8 acres of lynx habitat to unsuitable.

<sup>3</sup>In single storied stands with high overstory mortality, lynx habitat is considered unsuitable. In multi-storied stands with live understory, the lynx habitat is considered suitable. Therefore loss due to logging activities is considered incidental and is a result of harvest method.

<sup>4</sup>Reasonably foreseeable vegetation disturbances weighted at 25% disturbance (4 acres = 1 acre).

<sup>5</sup>Salvage activities associated with SBEADMR (Willow Mesa and Pauline timber salvage sales also planned for FY 17) and non-SBEADMR foreseeable future actions.

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